

In the Specification

Applicant presents new paragraphs as shown below, with insertions indicated by underlining.

Please amend the paragraph beginning on page 2, line 13 as indicated:

In another aspect of the invention, a pixel-by-pixel offset compensator for a microbolometer focal plane array comprises an array of detector elements. Each one of the array of detector elements has a detector output. Means for providing a time-varying compensation bias for each detector in the array is connected to the array of elements to compensate for effects of change in detector resistance during a bias control signal. In one aspect of the invention, the means for providing a time-varying compensation signal includes means for providing a different time-varying compensation signal for each sensor.